MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2018/2019

BIS2014 – MANAGEMENT INFORMATION SYSTEMS

(All sections / Groups)

28 MAY 2019
9.00 a.m – 11.00 a.m
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 3 pages with **FOUR (4)** Questions only.

2. Answer all **FOUR (4)** questions. All questions carry equal marks and the distribution of the marks for each question is given.

3. Please write all your answer in the Answer Booklet provided.

QUESTION 1

a. Define the term 'Bitcoin'.

(3 marks)

b. Explain five differences between bitcoin and blockchain.

(10 marks)

c. Describe four blockchain's issues or limitations.

(12 marks)

(Total: 25 marks)

QUESTION 2

a. Define these terms:

i. Rapid Application Development (RAD).

(3 marks)

ii. Joint Application Design (JAD).

(3 marks)

iii. Agile Software Development.

(3 marks)

b. List and describe four conversion strategies in the implementation stage of the System Development Life Cycle (SDLC). Include at least one advantage and one disadvantage for each of the conversion strategies.

(16 marks)

(Total: 25 marks)

Continued .....

QUESTION 3

a. Define business processes and describe the role they play in organizations.

(5 marks)

b. Describe the characteristics of management information systems (MIS) and explain how MIS differ from transaction processing systems (TPS) and from decision support systems (DSS).

(10 marks)

c. Describe how enterprise systems provide value for a business.

(10 marks)

(Total: 25 marks)

QUESTION 4

a. List each of the eras in IT infrastructure evolution and describe its distinguishing characteristics.

(10 marks)

b. Explain how businesses can benefit from virtualization, green computing, and multicore processors.

(10 marks)

c. List the advantages and disadvantages of allowing employees to use their personal smartphones for work.

(5 marks)

(Total: 25 marks)

End of Page